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11321-P060US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Tour, et al.

Serial No.: 10/738,459

Filing Date: December 17, 2003

Art Unit: 1753

Title: *Use of Microwaves to Crosslink Carbon Nanotubes*

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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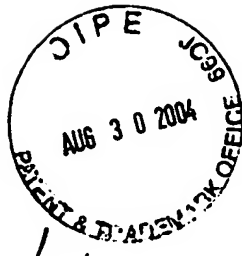
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Applicant hereby submits the following references in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98. Copies of the references cited in the attached PTO/SB/08A are not enclosed nor required; copies of the referenced cited in the attached PTO/SB/08B are enclosed for the examiner's reference. Furthermore, pursuant to 37 C.F.R. § 1.97(g) and (h), no representation is made that this is material to patentability of the present application or that a search has been made.

Applicant hereby submits that claims of Applicant's above-referenced patent application are patentably distinguishable from these references.

Applicant does not believe that any fees are due at this time; however, if fees are required, the Commissioner for Patents is hereby authorized to charge any fees relating to this Information Disclosure Statement under 37 CFR § 1.17 to Deposit Account No 23-2426 of WINSTEAD SECHREST & MINICK P.C. (referencing matter 11321-P060US).

11321-P060US



Date:

8/26/04

Respectfully submitted,

Ross Spencer Garsson

Regis. No. 38,150

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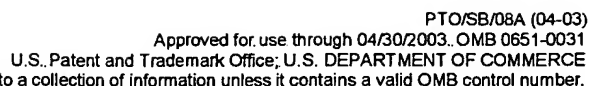
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(Use as many sheets as necessary)

Sheet	1	of	6
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Application Number	10/738,459
Filing Date	December 17, 2003
First Named Inventor	Tour, et al.
Art Unit	1753
Examiner Name	Unknown
Attorney Docket Number	11321-P060US

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Sheet	2	of	6
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NON PATENT LITERATURE DOCUMENTS

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		Iijima, "Helical microtubules of graphitic carbon," Nature, 354, pp. 56-58, 1991	
		Iijima et al., "Single-shell carbon nanotubes of 1-nm diameter," Nature, 363, pp. 603-605, 1993	
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		Dai, "Carbon Nanotubes: Synthesis, Integration, and Properties," Acc. Chem. Res., 35(12), pp. 1035-1044. (2002)	
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		Ajayan, "Nanotubes from Carbon," Chem. Rev., 99, pp. 1787-1799 (1999)	
		Baughman et al., "Carbon Nanotubes—the Route Toward Applications," Science, 297, pp. 787-792 (2002)	
		Thess et al., Science, "Crystalline Ropes of Metallic Carbon Nanotubes," 273, pp. 483-487 (1996)	

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		Hone et al., "Electrical and thermal transport properties of magnetically aligned single wall carbon nanotube films," Appl. Phys. Lett., 77, pp. 666-668 (2000)	
		Yu et al., "Tensile Loading of Ropes of Single Wall Carbon Nanotubes and their Mechanical Properties," Phys. Rev. Lett., 84, pp. 5552-5555 (2000)	
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		Liu et al., "Fullerene Pipes," Science, 280, pp. 1253-1256 (1998) Chen et al., "Solution Properties of Single-Walled Carbon nanotubes," Science, 282, pp. 95-98 (1998)	
		Chen et al., "Solution Properties of Single-Walled Carbon nanotubes," Science, 282, pp. 95-98 (1998)	
		Khabashesku et al., "Fluorination of Single-Wall Carbon Nanotubes and Subsequent Derivatization Reactions," Acc. Chem. Res., 35, pp. 1087-1095 (2002)	

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		Sun et al., "Functionalized Carbon Nanotubes: Properties and Applications," Acc. Chem. Res., 35, pp. 1096-1104 (2002)	
		Holzinger et al., "Sidewall Functionalization of Carbon Nanotubes," Angew. Chem. Int. Ed., 40(21), pp. 4002-4005 (2001)	
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		Zimmerman et al., "Gas-Phase Purification of Single-Wall Carbon Nanotubes," Chem. Mater., 12(5), pp. 1361-1366 (2000)	
		Chiang et al., "Purification and Characterization of Single-Wall Carbon nanotubes," J. Phys. Chem. B, 105, pp. 1157-1161 (2001)	
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		Farkas et al., "Length sorting cut single wall carbon nanotubes by high performance liquid chromatography," Chem. Phys. Lett., 363, pp. 111-116 (2002)	

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		Dyke, et al., "Solvent-Free Functionalization of Carbon Nanotubes," J. Am. Chem. Soc., 125, pp. 1156-1157 (2003)	
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		Nikolaev et al., "Gas-Phase Catalytic Growth of Single-Walled Carbon Nanotubes from Carbon Monoxide," Chem. Phys. Lett., 313, pp. 91-97 (1999)	
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		Ma et al., "Hydrogen storage capacity in single-walled carbon nanotubes," Phys. Rev. B, 65, #155430 (6 pages) (2002)	

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		Gundiah et al., "Hydrogen storage in carbon nanotubes and related materials," J. Mater. Chem., 13, pp. 209-213 (2003)	
		Gordillo et al., "Zero-Temperature Equation of State of Quasi-One-Dimensional H ₂ ," Phys. Rev. Lett., 85, pp. 2348-2251 (2000)	
		Baghurst et al., "Superheating Effects Associated with Microwave Dielectric Heating, J. Chem. Soc., Chem. Commun., 6, p. 674 (1992)	
		Terrones et al., "Molecular Junctions by Joining Single-Walled Carbon Nanotubes," Phys. Rev. Lett., 89, #075505 (2002)	
		Tsai et al., "The welding of carbon nanotubes," Carbon, 38 (13), pp. 1899-1902 (2000); Baughman et al., Science, 297, pp. 787-792 (2002)	
		Zhao et al., "Dynamic Topology of Fullerene Coalescence," Phys. Rev. Lett., 88, #185501 (2002)	
		Zhao et al., "Coalescence of fullerene cages: Topology, energetics, and molecular dynamics simulation," Phys. Rev. B, 66, #195409(9 pages) (2002)	
		Davis, et al., "Phase Behavior and Rheology of SWNTs in Superacids," Macromolecules, 2003	
		Jiang et al., "Spinning continuous carbon nanotube yarns," Nature, 419, p. 801 (2002)	
		USSN 60/511,285 (Ericson, et al.), filed October 14, 2003	

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